

MEMORANDUM

Agenda Item No. 5(F)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: May 20, 2014

FROM: R. A. Cuevas, Jr.
County Attorney

SUBJECT: Resolution approving a
significant modification of
Building Better Communities
General Obligation Bond (BBC
GOB) program Project No. 132
and Project No. 133, deletion of
Project No. 137, and addition of
Project No. 348

The accompanying resolution was prepared by the Public Works and Waste Management Department and placed on the agenda at the request of Prime Sponsor Commissioner Audrey M. Edmonson.



R. A. Cuevas, Jr.
County Attorney

RAC/smm

Memorandum



Date: May 20, 2014

To: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

From: Carlos A. Gimenez
Mayor

A handwritten signature in black ink, appearing to read "Carlos A. Gimenez", written over a horizontal line.

Subject: Resolution Approving Significant Modification of Building Better Communities General Obligation Bond Project Nos. 132 and 133, the Deletion of Project No. 137, and the Addition of New Project No. 348 for the Replacement of the Westernmost 730' of the West Venetian Bascule Bridge on the Venetian Causeway

RECOMMENDATION

It is recommended that the Board of County Commissioners (Board) approve the attached resolution, which does the following:

- Approves a significant modification to Building Better Communities General Obligation Bond (BBC GOB) Program Project No. 132 – "Sonovoid Bridge Improvement Program" to reduce the original BBC GOB funds allocation of \$10,100,000 assigned to the project down to \$3,300,000, which represents approximate monies already spent towards improvements on this project, and reallocate \$6,800,000 to a new Project No. 348 for the Venetian Causeway.
- Approves a significant modification to BBC GOB Program Project No. 133 – "SW 296 Street Sonovoid Bridge over C-103 (874105) Canal" to reduce the original BBC GOB funds allocation of \$400,000 assigned to the project down to \$100,000 and reallocate \$300,000 to a new Project No. 348 for the Venetian Causeway
- Approves the deletion of BBC GOB Program Project No 137 – "Palmer Lake Bridge" with an original allocation of \$3,000,000 to reallocate these BBC GOB funds to the new Project No. 348.
- Waives provisions of Implementing Order (IO) 3-47 requiring completion of all existing BBC GOB Program projects or identification of funding for completion of all existing BBC GOB Program projects prior to adding a new project to the BBC GOB Program using surplus funds.
- Reallocates surplus BBC GOB Program funds from Project Nos. 132, 133, and 137 to new BBC GOB Program Project No. 348 "West Venetian Bascule Bridge Replacement" with a total allocation of \$10,100,000.

SCOPE

The West Venetian Bascule Bridge is located within Commissioner Audrey Edmonson's District 3.

FISCAL IMPACT/FUNDING SOURCE

The item reallocates \$6,800,000 from Project No. 132 (65.35 percent of its original allocation), \$300,000 from Project No. 133 (75 percent of its original allocation), and \$3,000,000 from Project No. 137 (100 percent of its original allocation) for a total reallocation amount of \$10,100,000 of bond proceed surplus funds from the BBC GOB Program to new Project No. 348. Any net Venetian Causeway revenues (i.e. those revenues that are in excess of operational costs) may be allocated in the future to refund the BBC GOB Program.

TRACKING/MONITOR

The Public Works and Waste Management Department (PWWM) will implement the project and the Office of Management and Budget will monitor the project.

DELEGATION OF AUTHORITY

There is no additional delegation of authority related to this item.

BACKGROUND

The BBC GOB Program was approved by the voters in 2004, with one (1) of the questions authorizing expenditures to construct and improve bridges, public infrastructure and neighborhood improvements. The Board, through Resolution No. R-914-04, approved a number of projects to construct and improve bridges throughout the County. In order to address an immediate need, PWWM has proposed to reallocate funding from Projects No. 132, 133, and 137 and create Project No. 348 and effectuate the needed replacement of approximately the Westernmost 730' of the West Venetian Bascule Bridge (Bridge) on the Venetian Causeway (Causeway).


The Causeway is listed in the National Register of Historic Places, and the Cities of Miami and Miami Beach have also designated the Causeway as a local historic landmark. The Causeway follows the original route of the Collins Bridge, a wooden structure built in 1913, and consists of a series of 12 bridges spanning the 11 man-made Venetian Islands. The 12 current bridges were built in 1927, with ten (10) bridges being fixed low-level arch bridges, and the remaining two (2), bascule bridges with concrete arch approach spans. The West Venetian Bascule Bridge was partially rebuilt in the 1990's by the Florida Department of Transportation (FDOT). However, at that time only repairs were implemented on the 730 feet being targeted with this item.

Through the years, the County and FDOT have implemented major rehabilitation projects to address the condition of all 12 Causeway bridges, and have made the necessary adjustments to the load ratings as a result of FDOT's recurring inspections. In addition to this work, PWWM concluded that due to the age of the bridges, as well as their proximity to the corrosive marine environment, recurring major repairs would be unavoidable. As a result, PWWM initiated the design process for the full replacement of all bridges. A Notice to Proceed was issued to a design consultant on May 26, 2009 in order to prepare the contract documents required to secure a construction bid. However, the design process was stopped when FDOT informed PWWM that a Project Development and Environment Study would need to be completed prior to the design in order to remain eligible to receive Federal funding. The current estimate for the replacement of all 12 bridges is \$110 million, with any matching funds to be supported through Causeway toll revenues. Additionally, based on the results of a future traffic analysis, toll increase(s) may be presented to the Board for approval in order to address the needs along the Causeway.

As referenced in my Memo to the Board dated April 11, 2014, temporary steel plates have been installed to address one (1) instance of damage to the Bridge's deck and, as a preventative measure, in other areas identified during inspections by PWWM staff and an FDOT bridge inspection consultant. Additionally, signage was installed reducing allowable loads as a result of recently conducted load ratings by FDOT. Specifically, as a result of these new load ratings, weight restrictions were increased from 15 tons to 11 tons on all bridges except the Bridge which was posted at five (5) tons until such time as the replacement is completed.

The series of actions performed by PWWM were in an effort to maintain the safety and operability of the Bridge in its current condition. Any delays to commence the necessary construction activities can further impact the existing restrictions to the use of the Bridge, placing a significant and prolonged impact on its users. As such, PWWM is currently moving towards securing a design/build contract to effectuate the complete replacement of the affected segment of the Bridge. The procurement of the contract will be expedited with construction expected to commence within the next six (6) months. Actual construction is expected to take six (6) to nine (9) months thereafter, during which time the Bridge will be closed to vehicular traffic. The work, currently estimated at \$10,100,000, will consist of the complete demolition of the existing Bridge, and the construction of an entirely new bridge from foundations to bridge deck. Once completed, the current five (5) ton weight restriction will be removed and the life expectancy of the entire West Venetian Bascule Bridge will be 60 years.

IO 3-47, which governs the BBC GOB program, dictates that in order to use surplus funds to fund a new project, the Board must consider whether all projects have been completed or all the necessary funding for all projects has been identified to the satisfaction of the Board. As such, this item requests the waiver of this requirement of IO 3-47. In addition, IO 3-47 stipulates that an application of surplus funds to fund a new project needs to be presented to the BBC GOB Citizens' Advisory Committee (CAC). Accordingly, at its April 29, 2014 meeting, this item was presented to the BBC GOB Citizens' Advisory Committee (CAC) for its review and was forwarded to the Board with a favorable recommendation. Based on the CAC's favorable recommendation, the use of surplus funds for the new project needs to be approved by majority vote of the Board members present.



Alina T. Hudak
Deputy Mayor




MEMORANDUM

(Revised)

TO: Honorable Chairwoman Rebeca Sosa
and Members, Board of County Commissioners

DATE: May 20, 2014

FROM: 
R. A. Cuevas, Jr.
County Attorney

SUBJECT: Agenda Item No. 5(F)

Please note any items checked.

- ☐ "3-Day Rule" for committees applicable if raised
- ☐ 6 weeks required between first reading and public hearing
- ☐ 4 weeks notification to municipal officials required prior to public hearing
- ☐ Decreases revenues or increases expenditures without balancing budget
- ☐ Budget required
- ☐ Statement of fiscal impact required
- ☒ Ordinance creating a new board requires detailed County Mayor's report for public hearing
- ☐ No committee review
- ☒ Applicable legislation requires more than a majority vote (i.e., 2/3's ____, 3/5's ____, unanimous ____) to approve
- ☐ Current information regarding funding source, index code and available balance, and available capacity (if debt is contemplated) required

Approved _____ Mayor
Veto _____
Override _____

Agenda Item No. 5(F)
5-20-14

RESOLUTION NO. _____

RESOLUTION APPROVING A SIGNIFICANT MODIFICATION OF BUILDING BETTER COMMUNITIES GENERAL OBLIGATION BOND (BBC GOB) PROGRAM PROJECT NO. 132 – “SONOVOID BRIDGE IMPROVEMENT PROGRAM” TO REDUCE ITS ALLOCATION OF \$10,100,000 TO \$3,300,000, A SIGNIFICANT MODIFICATION OF PROJECT NO. 133 – “SW 296 STREET SONOVOID BRIDGE OVER C-103 (874105) CANAL” TO REDUCE ITS ALLOCATION OF \$400,000 TO \$100,000, DELETION OF PROJECT NO. 137 – “PALMER LAKE BRIDGE” WITH AN ALLOCATION OF \$3,000,000, AND ADDITION OF PROJECT NO. 348 – “WEST VENETIAN BASCULE BRIDGE REPLACEMENT” WITH AN ALLOCATION OF \$10,100,000 TO BE FUNDED WITH THE SURPLUS FUNDS FROM PROJECT NOS. 132, 133, AND 137, ALL AS IDENTIFIED IN APPENDIX A TO RESOLUTION NO. R-914-04, AFTER A PUBLIC HEARING; AND WAIVING REQUIREMENTS OF IMPLEMENTING ORDER 3-47 REGARDING ADDING NEW PROJECTS TO BBC GOB PROGRAM USING SURPLUS FUNDS

WHEREAS, pursuant to Resolution R-914-04, the voters of Miami-Dade County approved the issuance of general obligation bonds in a principal amount not to exceed \$352,001,000 to construct and improve bridges, public infrastructure and neighborhood improvements; and

WHEREAS, Appendix A to the Resolution lists projects eligible for funding from the Building Better Communities General Obligation Bond Program (the “Bond Program”) by project number, municipal project location, BCC district, project name, project description, street address and allocation; and

WHEREAS, one of the projects listed in Appendix A to the Resolution is Project No. 132 – “Sonovoid Bridge Improvement Program” with an original allocation of \$10,100,000, a

project description that reads “Structurally upgrade approximately 95 Sonovoid bridge decks” at various locations throughout Miami-Dade County (“Project No. 132”); and

WHEREAS, another project listed in Appendix A to the Resolution is Project No. 133 – “SW 296 Street Sonovoid Bridge over C-103 (874105) Canal” with an original allocation of \$400,000 and a project description that reads “Structurally upgrade the existing Sonovoid deck over canal C-103” located at SW 296 Street and SW 160 Avenue (“Project No. 133”); and

WHEREAS, another project listed in Appendix A to the Resolution is Project No. 137 – “Palmer Lake Bridge” with an original allocation of \$3,000,000 and a project description that reads “Replace bridge and construct lanes. Number of lanes to be determined by the Tamiami Swing Bridge preliminary engineering study” located at 2600 S River Drive (“Project No. 137”); and

WHEREAS, this Board finds that the Venetian Causeway is in a critical state and in dire need of immediate reconstruction; and

WHEREAS, the current conditions of the westernmost 730 feet of the West Venetian Bascule Bridge have necessitated the posting of weight restrictions limiting the access across the bridge; and

WHEREAS, delays to commence the necessary construction activities can further impact the existing restrictions to the use of the Bridge, placing a significant and prolonged impact on its users; and

WHEREAS, the Public Works and Waste Management Department has made the replacement of approximately the westernmost 730 feet of the West Venetian Bascule Bridge a high priority and requires funds to complete the work; and

WHEREAS, accordingly, and pursuant to the justification set forth in the Mayor's memorandum and recommendation which is attached hereto and incorporated herein by reference, this Board desires to approve a significant modification to Project No. 132 to reduce its allocation by \$6,800,000 from \$10,100,000 to \$3,300,000, a significant modification to Project No. 133 to reduce its allocation by \$300,000 from \$400,00 to \$100,000 and a deletion of Project No. 137 thereby making the sum of \$10,100,000 allocated to these projects "surplus funds" (as such term is defined in Implementing Order 3-47); and

WHEREAS, given that \$10,100,000 originally allocated to Project Nos. 132, 133, and 137 have been deemed surplus, this Board wishes to instead allocate that money to the replacement of approximately the westernmost 730 feet of the West Venetian Bascule Bridge; and

WHEREAS, this Board desires to allocate \$10,100,000 (\$6,800,000 from Project No. 132, \$300,000 from Project No. 133, and \$3,000,000 from deleted Project No. 137) to a new project to be added to Appendix A of Resolution R-914-04 as Project No. 348 - "West Venetian Bascule Bridge Replacement", located in BCC District 3, a project description as follows: "Replacement of the Westernmost 730' of the West Venetian Bascule Bridge", located on NE 15 Street, East of North Bayshore Drive, and an allocation of \$10,100,000; and

WHEREAS, in accordance with Implementing Order 3-47, the \$10,100,000 from Project Nos. 132, 133, and 137 are deemed "surplus funds"; and

WHEREAS, Implementing Order 3-47 sets forth a process for the allocation of surplus funds to existing and new Bond Program projects; and

WHEREAS, the recommended reallocation of funding amongst the identified projects will have an immediate and direct impact on the safety and welfare of the community, as required in Implementing Order 3-47; and

WHEREAS, in order to add the “West Venetian Bascule Bridge Replacement” as a new project to Appendix A of Resolution R-914-04, this Board wishes to waive the requirements of Implementing Order 3-47 regarding the addition of new projects to the Bond Program using surplus funds; and

WHEREAS, this item was presented to the Citizen’s Advisory Committee (“CAC”) on April 29, 2014 and received a favorable recommendation,

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF MIAMI-DADE COUNTY, FLORIDA, that:

Section 1. The foregoing recital clauses are incorporated herein by this reference and are adopted by this Board.

Section 2. This Board, after a public hearing, hereby approves the significant modification of Project No. 132 identified in Appendix A to Resolution R-914-04, to reduce its allocation of \$10,100,000 by \$6,800,000 for a new total allocation of \$3,300,000, the significant modification of Project No. 133 identified in Appendix A to Resolution R-914-04, to reduce its allocation of \$400,000 by \$300,000 for a new total allocation of \$100,000, and the deletion of Project No. 137 identified in Appendix A to Resolution R-914-04.

Section 3. This Board hereby waives the requirements of Implementing Order 3-47 regarding the addition of new projects to the Bond Program using surplus funds, including the requirement that surplus funds may fund new projects only after all projects have been completed or necessary funding for completion of all projects has been identified to the

satisfaction of the Board, and, after a public hearing, approves the addition of Project No. 348 to Appendix A of Resolution R-914-04. Project No. 348 shall have a project name of "West Venetian Bascule Bridge", located in BCC District 3, a project description as follows: "Replacement of the Westernmost 730' of the West Venetian Bascule Bridge", located on NE 15 Street, East of North Bayshore Drive, and an allocation equal to \$10,100,000.

The foregoing resolution was offered by Commissioner , who moved its adoption. The motion was seconded by Commissioner and upon being put to a vote, the vote was as follows:

Rebeca Sosa, Chairwoman
Lynda Bell, Vice Chair

Bruno A. Barreiro
Jose "Pepe" Diaz
Sally A. Heyman
Jean Monestime
Sen. Javier D. Souto
Juan C. Zapata

Esteban L. Bovo, Jr.
Audrey M. Edmonson
Barbara J. Jordan
Dennis C. Moss
Xavier L. Suarez

The Chairperson thereupon declared the resolution duly passed and adopted this 20th day of May, 2014. This resolution shall become effective ten (10) days after the date of its adoption unless vetoed by the Mayor, and if vetoed, shall become effective only upon an override by this Board.

MIAMI-DADE COUNTY, FLORIDA
BY ITS BOARD OF
COUNTY COMMISSIONERS

HARVEY RUVIN, CLERK

By: _____
Deputy Clerk

Approved by County Attorney as
to form and legal sufficiency.



Monica Rizo